

GILA RIVER BASIN

09444400 CHASE CREEK NEAR CLIFTON, AZ

LOCATION.--Lat 33°10'20", long 109°22'10", in NW¹/₄ sec.16, T.3 S., R.29 E., Greenlee County, Hydrologic Unit 15040004, at U.S. Highway 666, 9 mi northwest of Clifton.

DRAINAGE AREA.--1.37 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1964	07-25-64	600	ES	1971	00-00-71	0	
1965	00-00-65	0		1972	00-00-72	0	
1966	12-22-65	29		1973	10-19-72	150	
1967	08-12-67	400		1974	00-00-74	0	
1968	00-00-68	1.0	ES	1975	09-09-75	22	
1969	00-00-69	0		1976	00-00-76	10	LT
1970	08-06-70	1.0	LT	1979	12-18-78	¹ 72	HP

¹Highest since 1973.

Magnitude and probability of instantaneous peak flow based on period of record

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50	100
50%	20%	10%	4%	2%	1%
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Weighted skew	(logs) =	---			
Mean	(logs) =	---			
Standard dev.	(logs) =	---			

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
363	2.5	6,840	98.0	1.0	20.0	2.2	4.0

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